

Service Manual



WebScroll+ EYE

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1. Testing Environment & Tools

a. Hardware

- ◆ PC586 or later x 1 unit
- ◆ PS/2 Port x 1 unit
- ◆ USB Port x 1 unit

b. Software

- ◆ Windows 98 or Windows XP
- ◆ Driver of WebScroll+ Eye

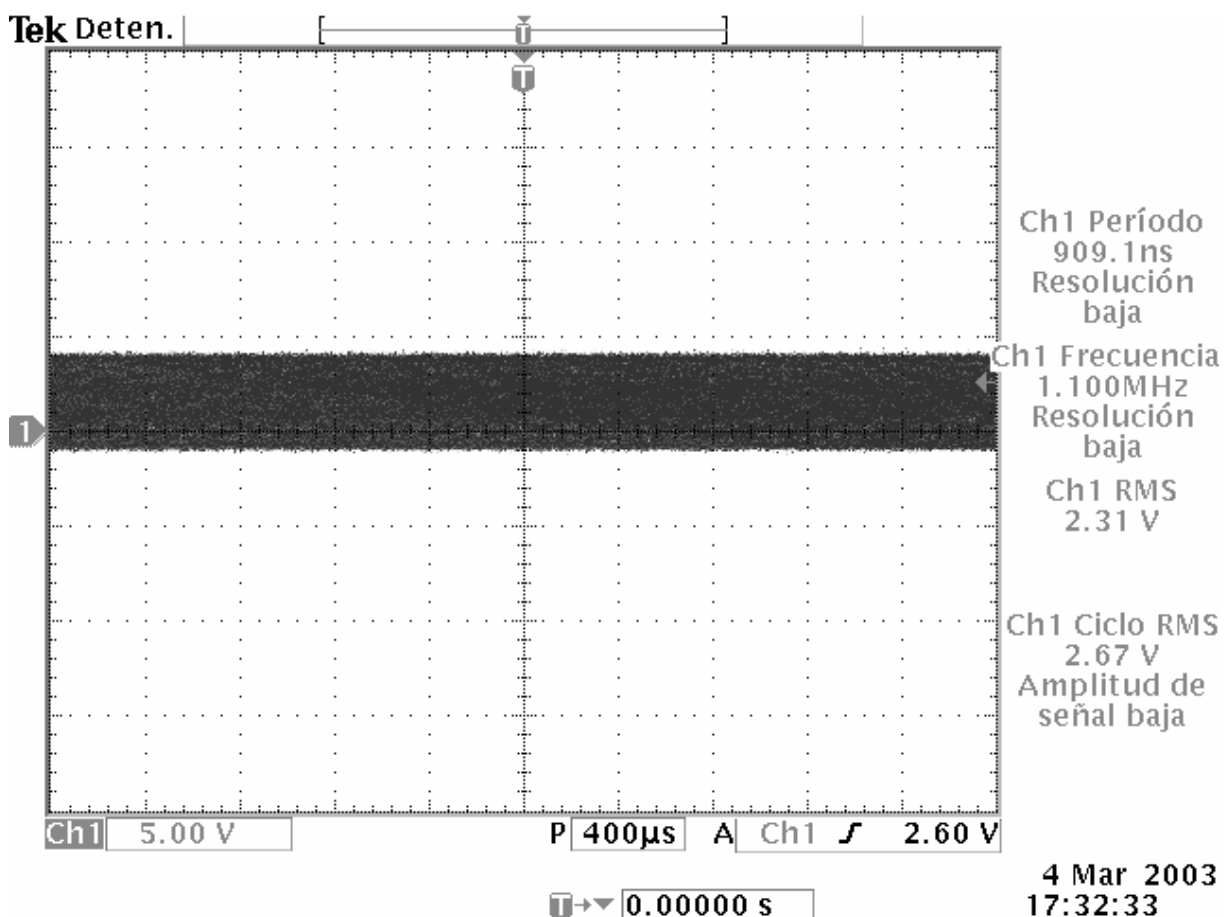
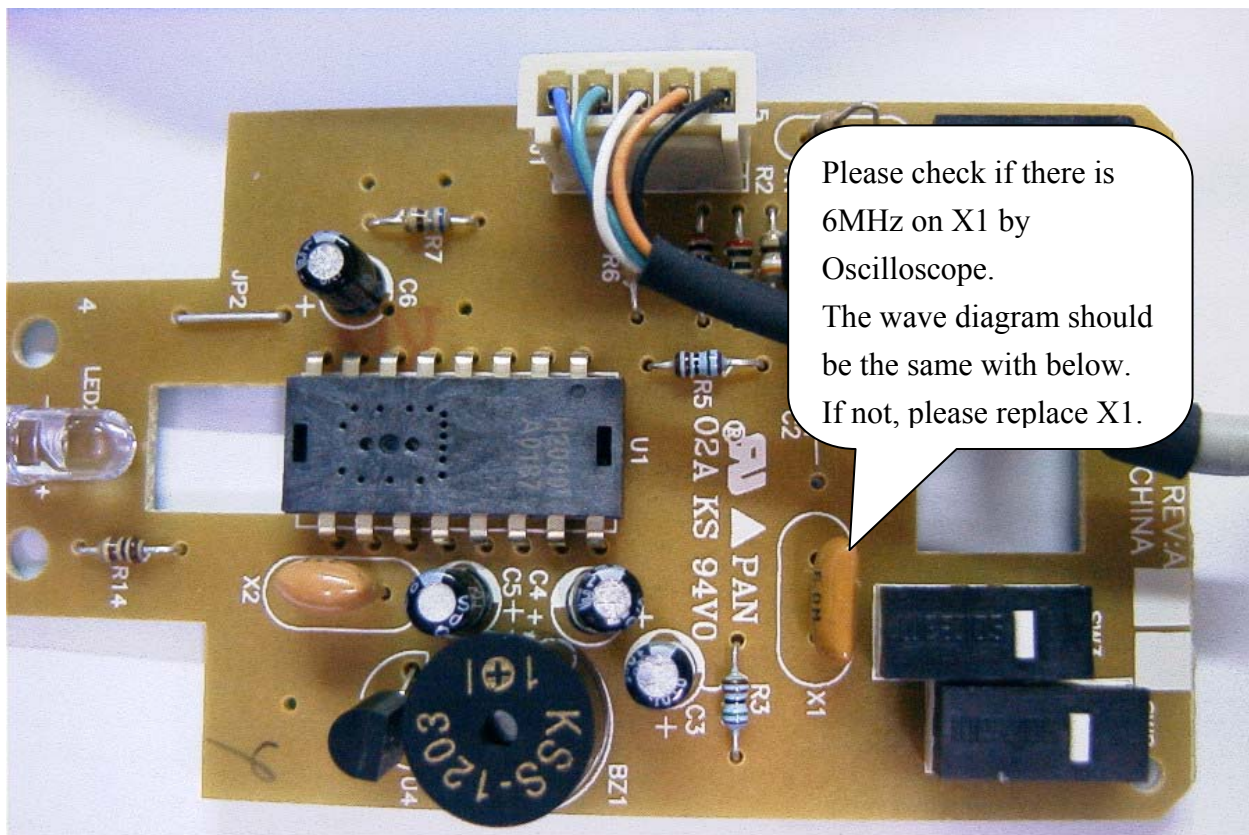
2. Trouble Shooting Guide

Problem	Solution
Cannot detect the mouse	X1 NG <i>(Please refer to page 4)</i> U1 or X2 NG <i>(Please refer to page 5)</i> U2 NG <i>(Please refer to page 6~8)</i> U3 NG <i>(Please refer to page 9)</i> Cable NG <i>(Please refer to page 10~11)</i> IR NG Please replace the IR.
No E-Mail Notice Music	U2 NG <i>(Please refer to page 12)</i>
Button/Click function NG	Micro Switch NG Please replace the Micro Switch.
Can't move the mouse smoothly	The copper line inside the cable is broken. Please replace the cable.

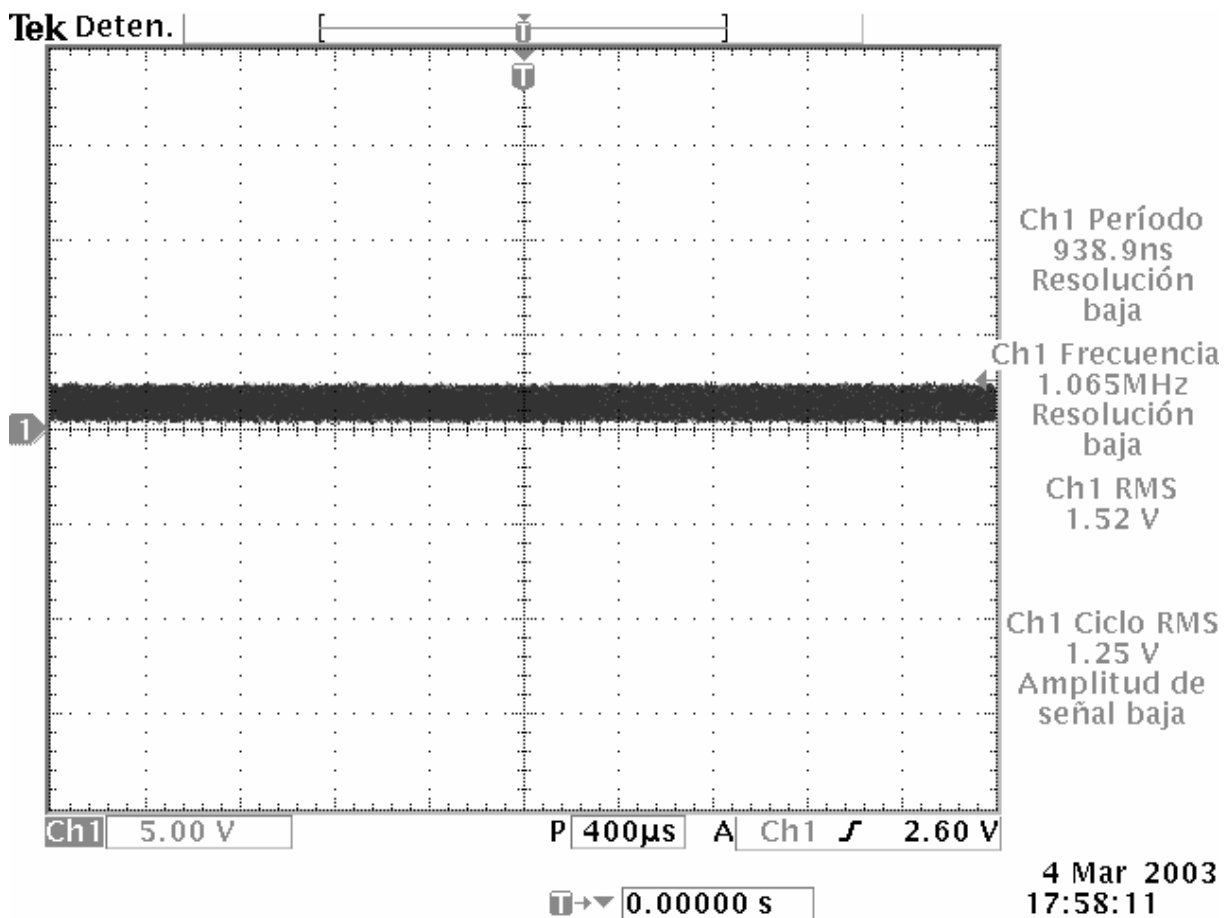
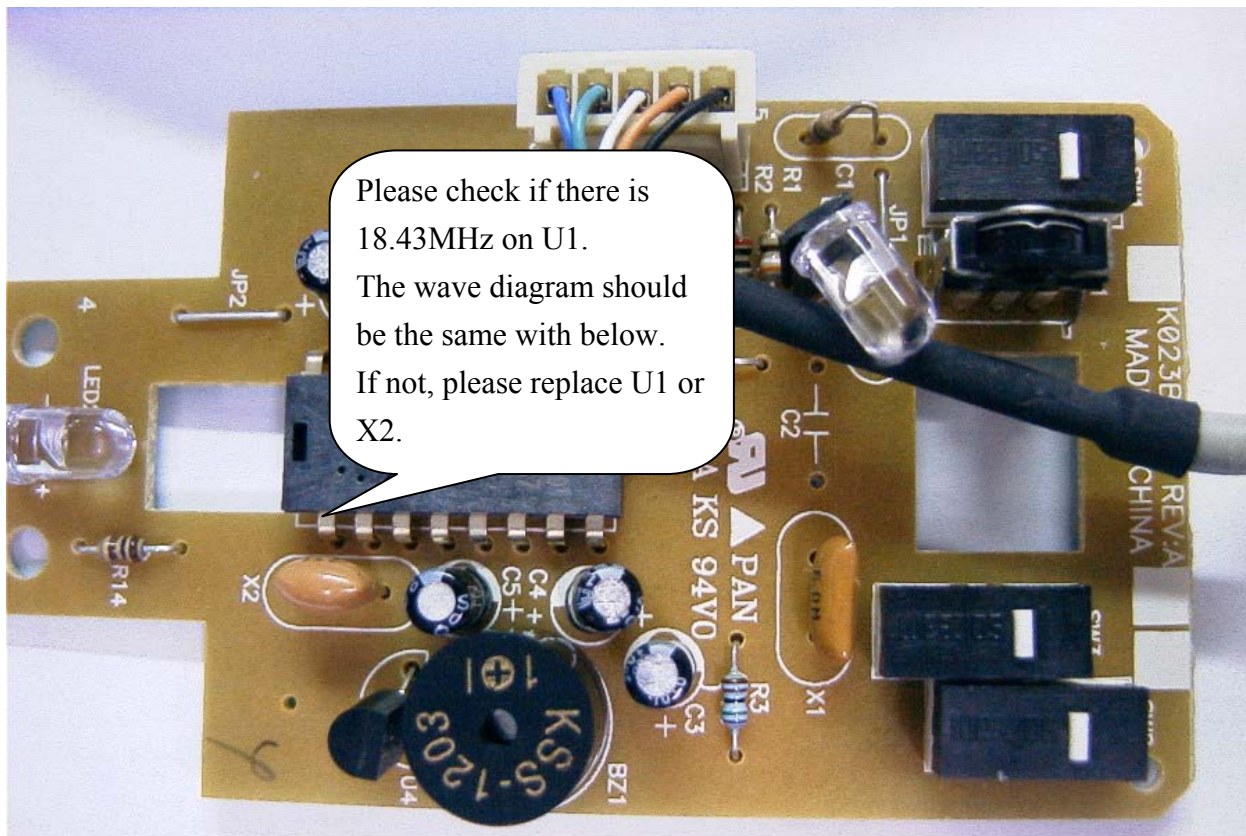
3. Problems and Solutions

A. Cannot detect the mouse

a. X1 NG – Please check the wave diagram of X1

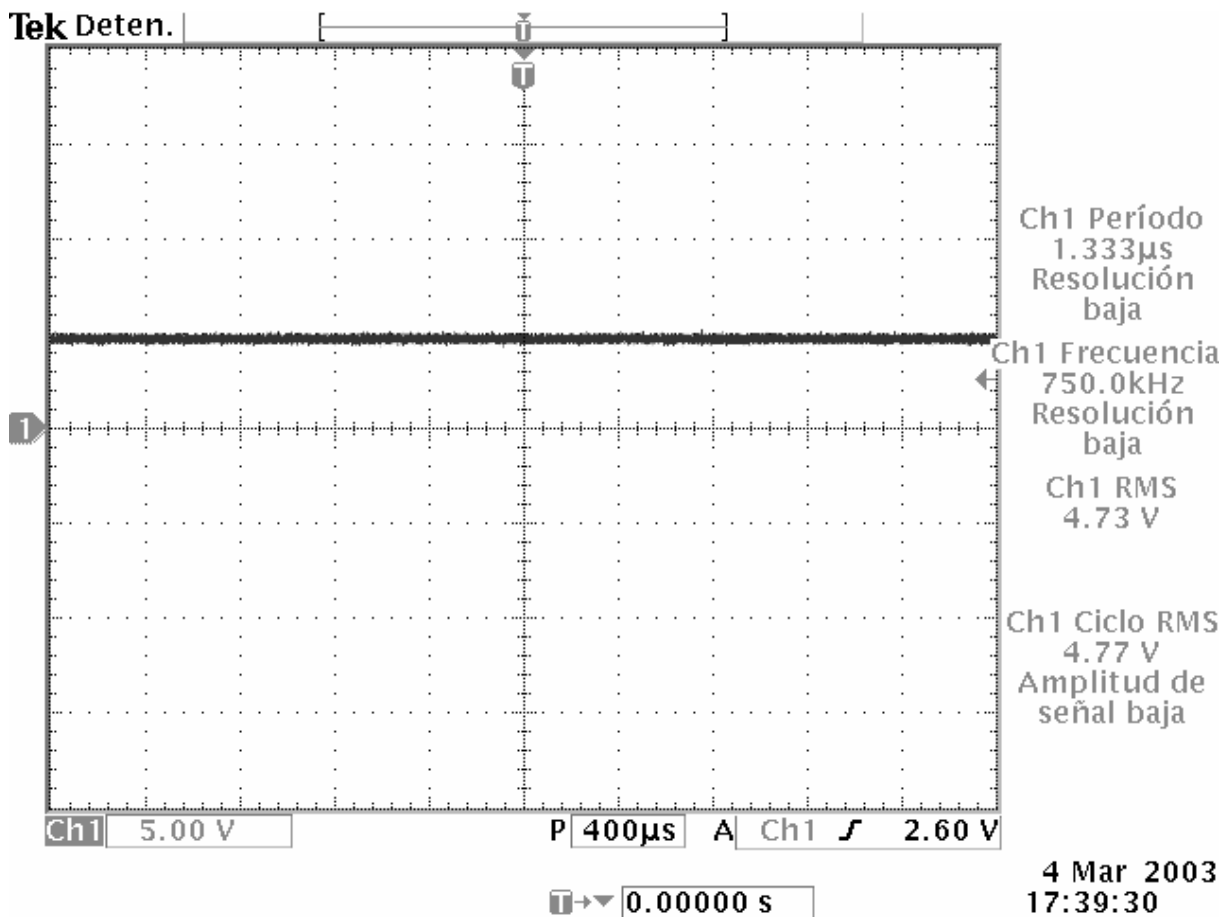
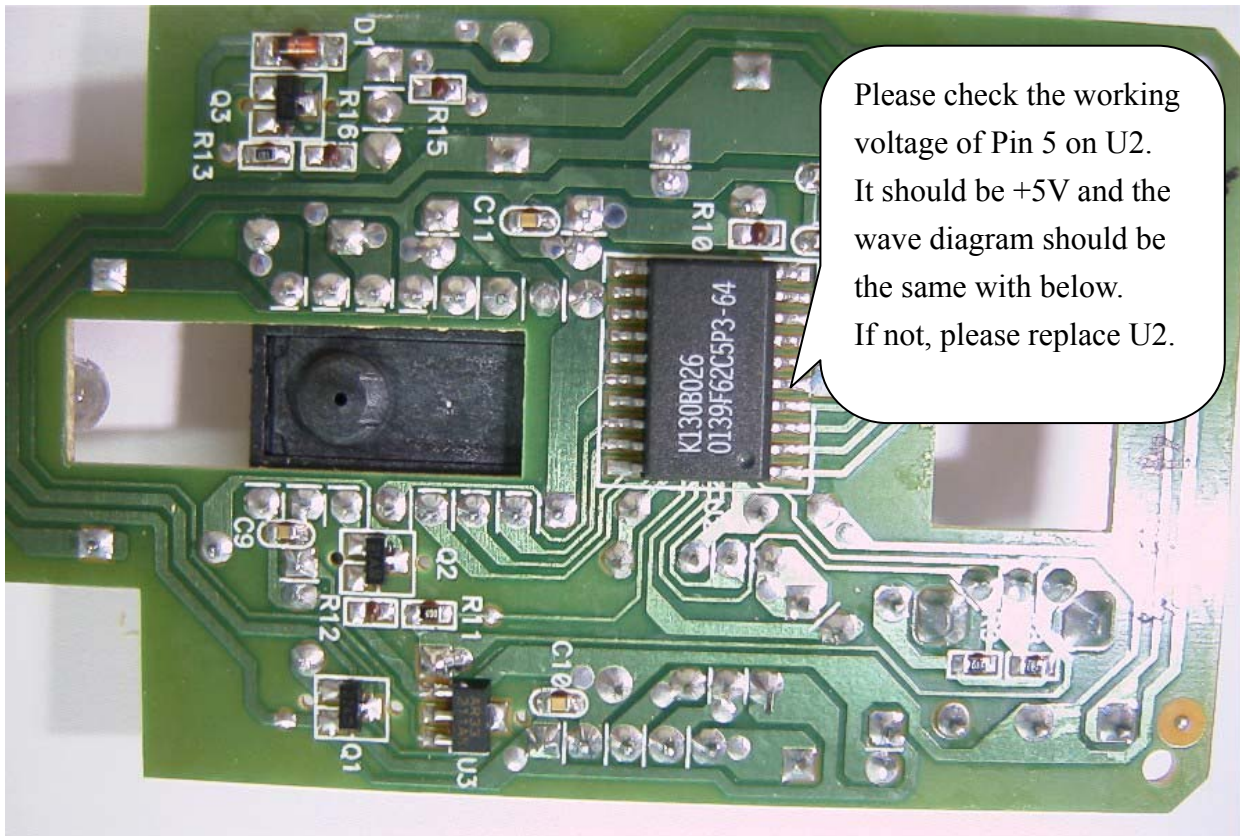


b. U1 or X2 NG – Please check the wave diagram of U1

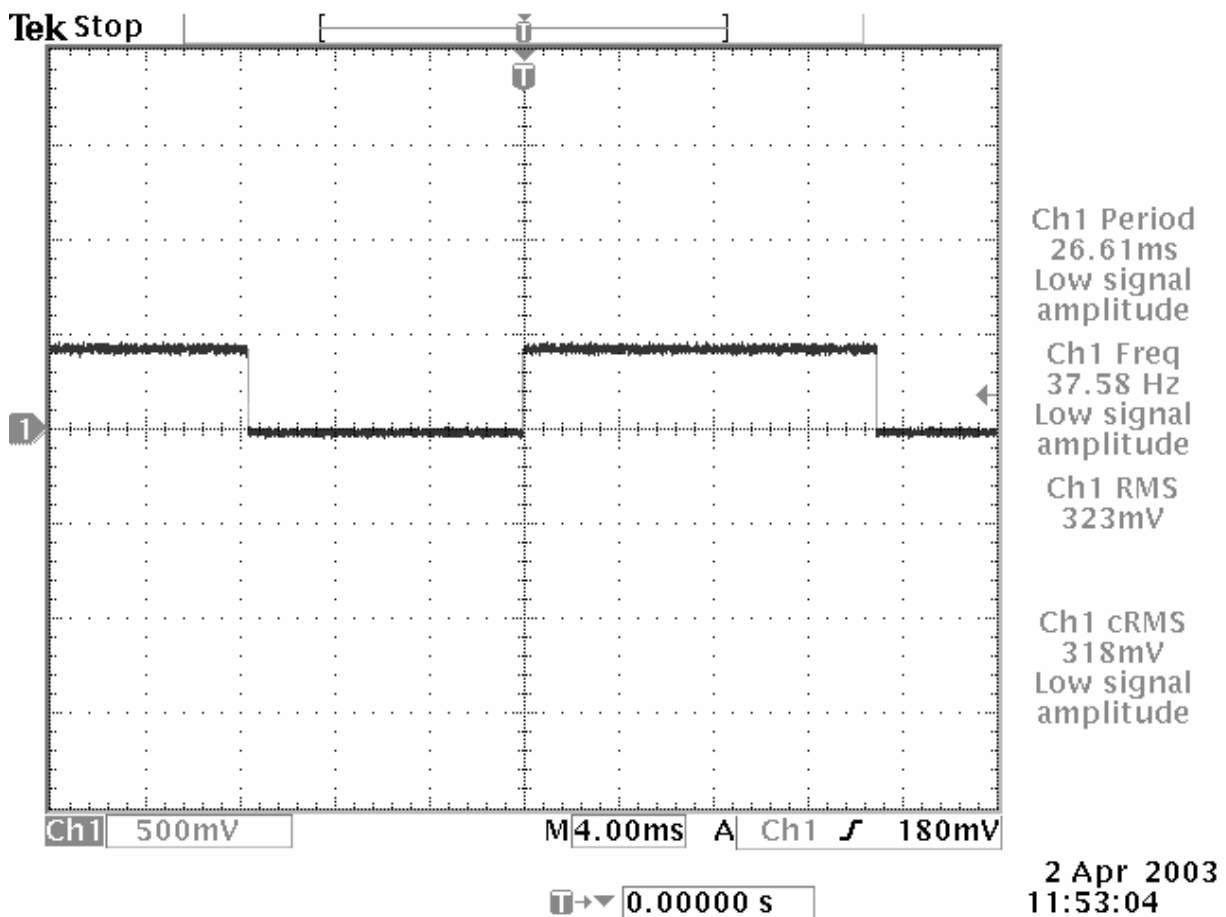
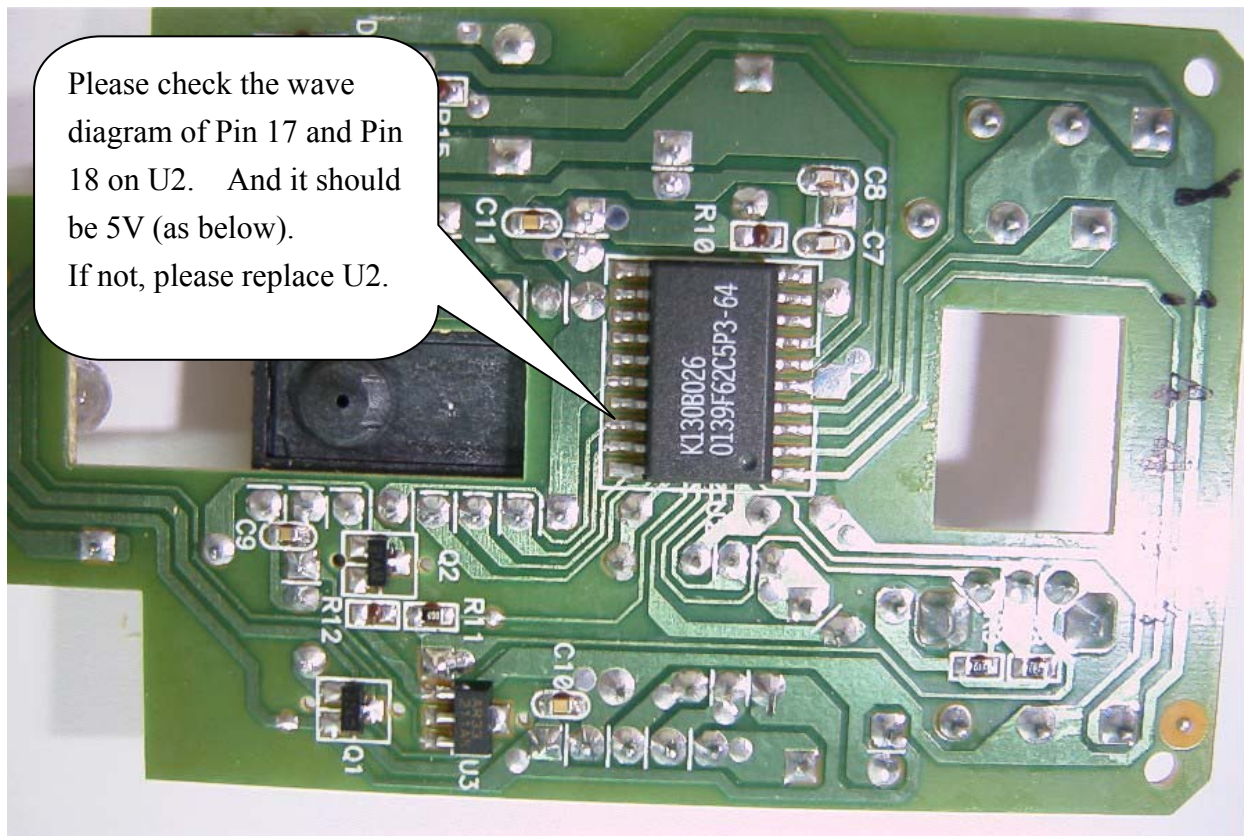


c. U2 NG

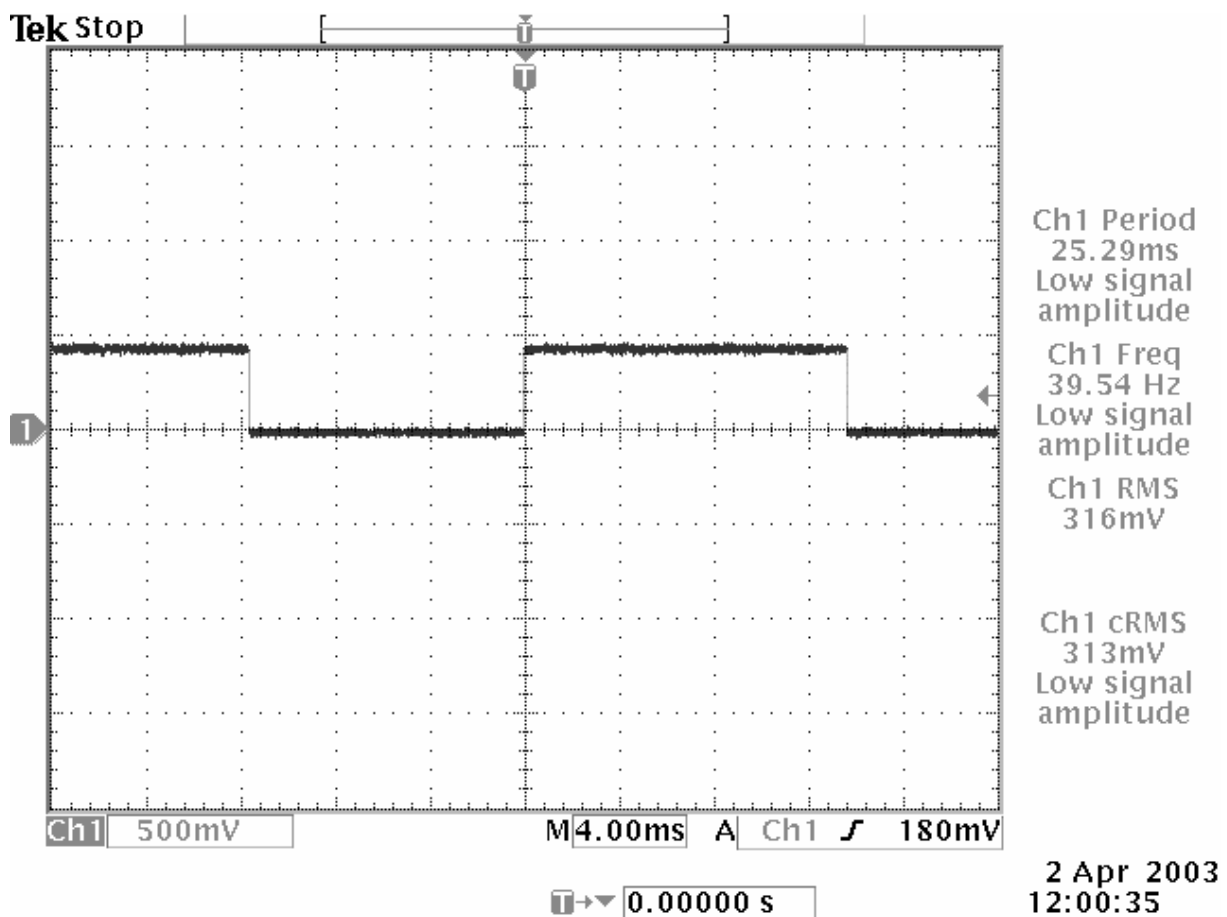
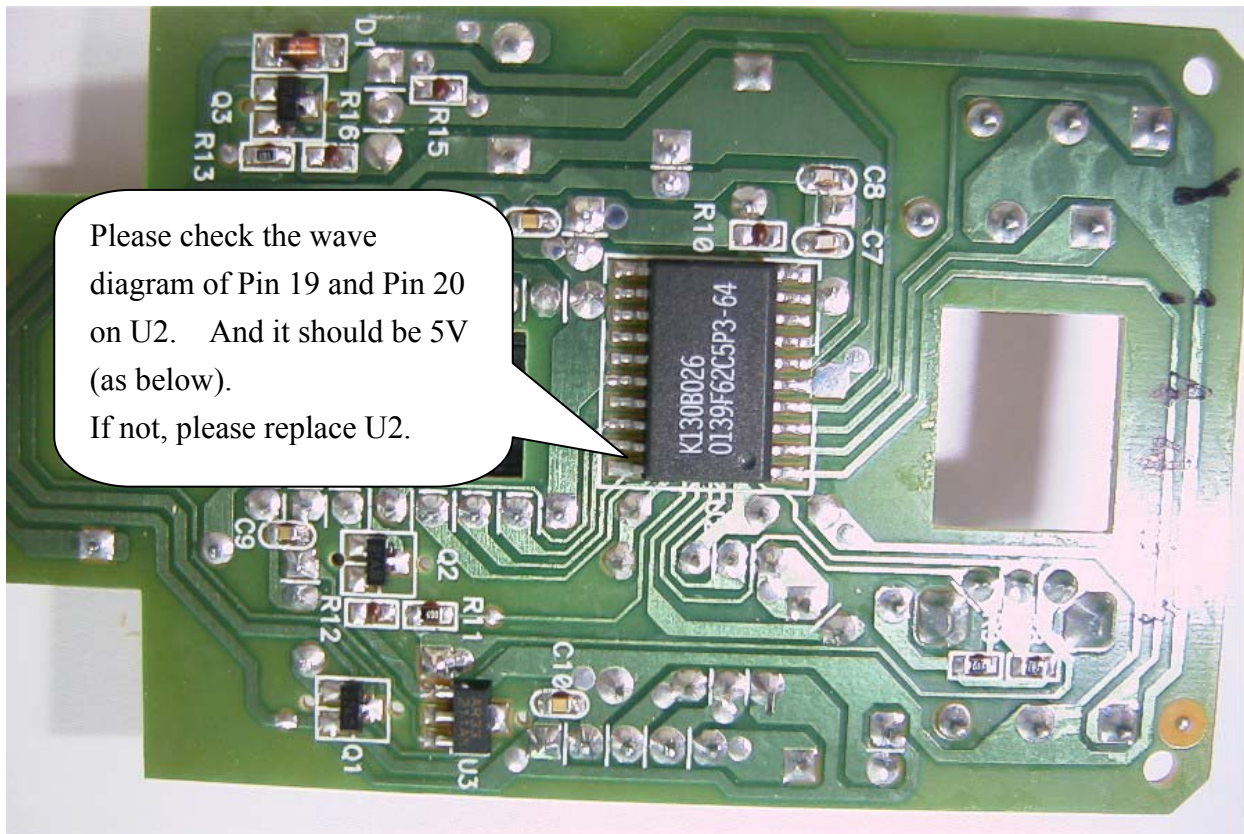
- ◆ Please check the wave diagram of PIN5 on U2



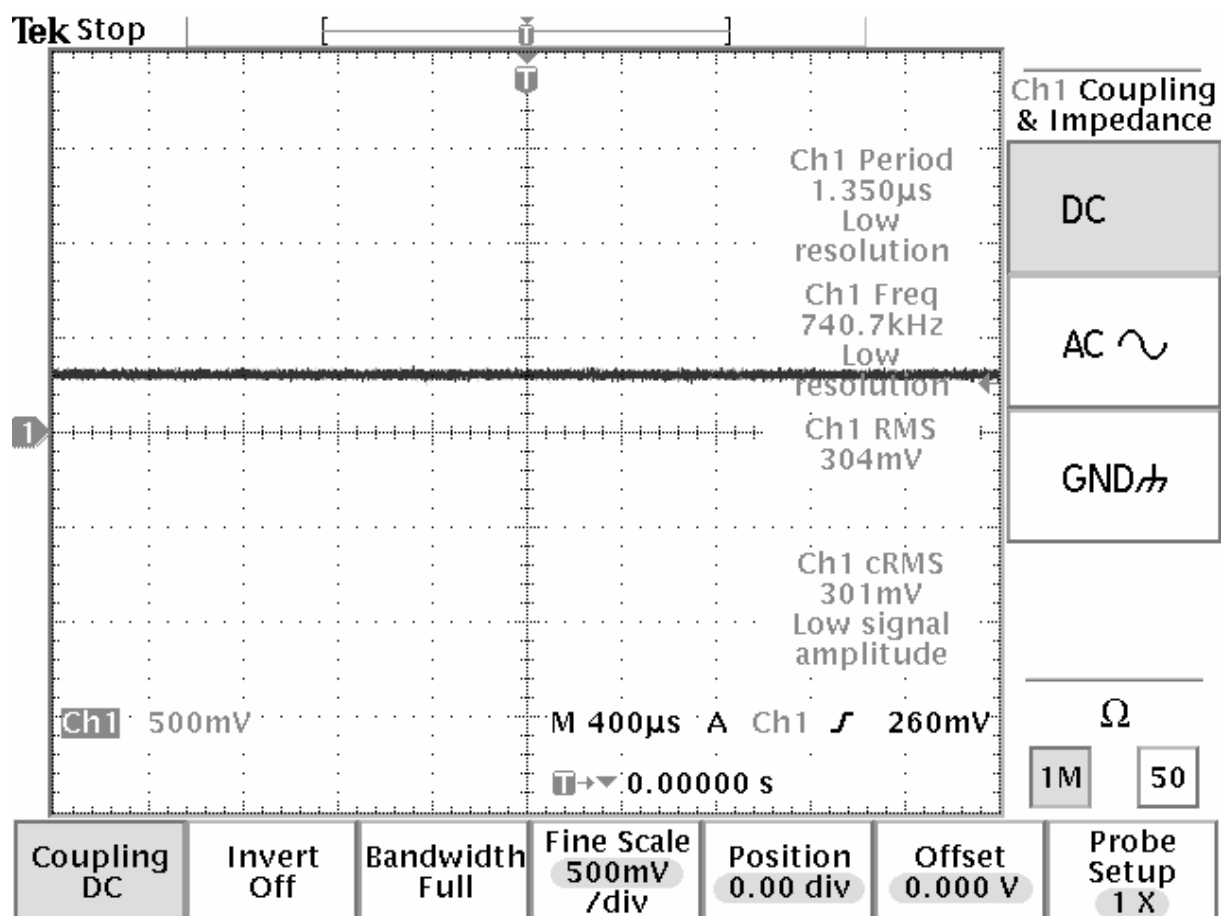
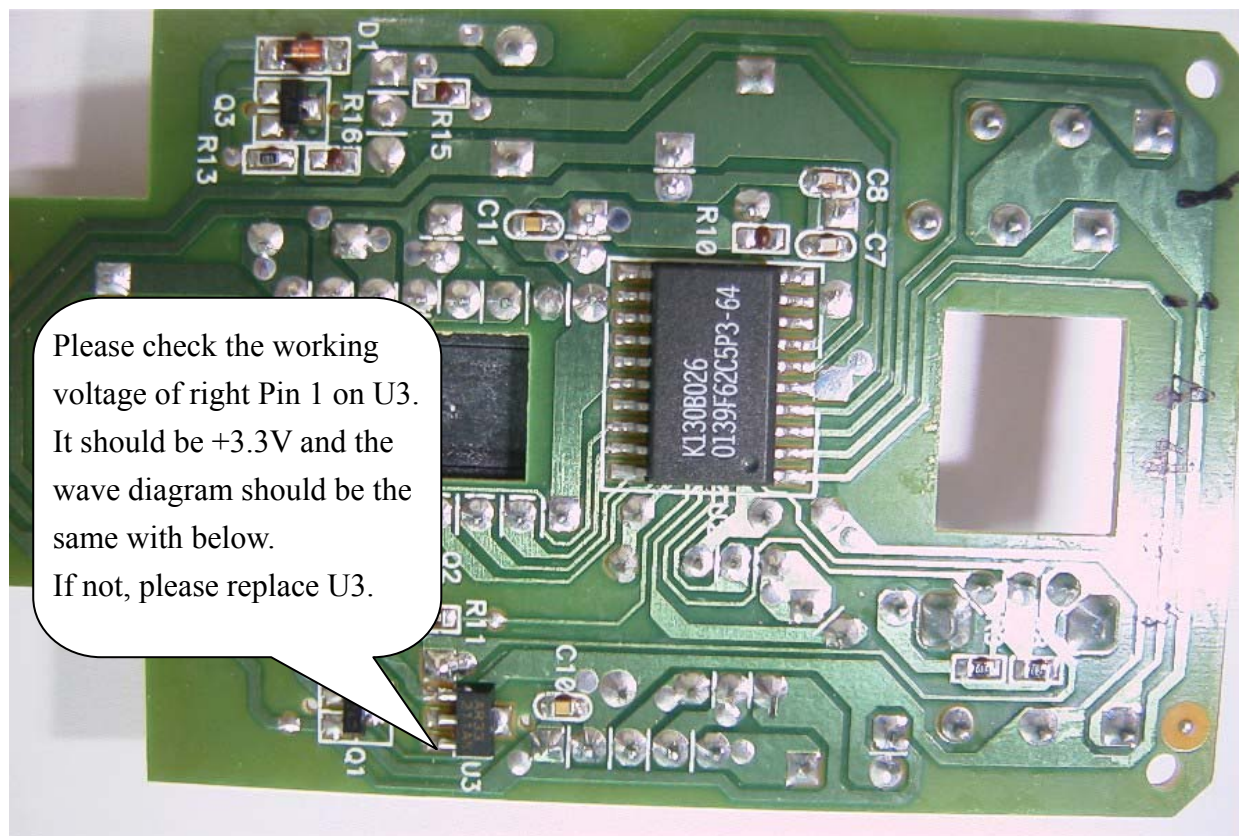
◆ Please check the wave diagram of PIN17 and PIN18 on U2



◆ Please check the wave diagram of PIN19 and PIN20 on U2

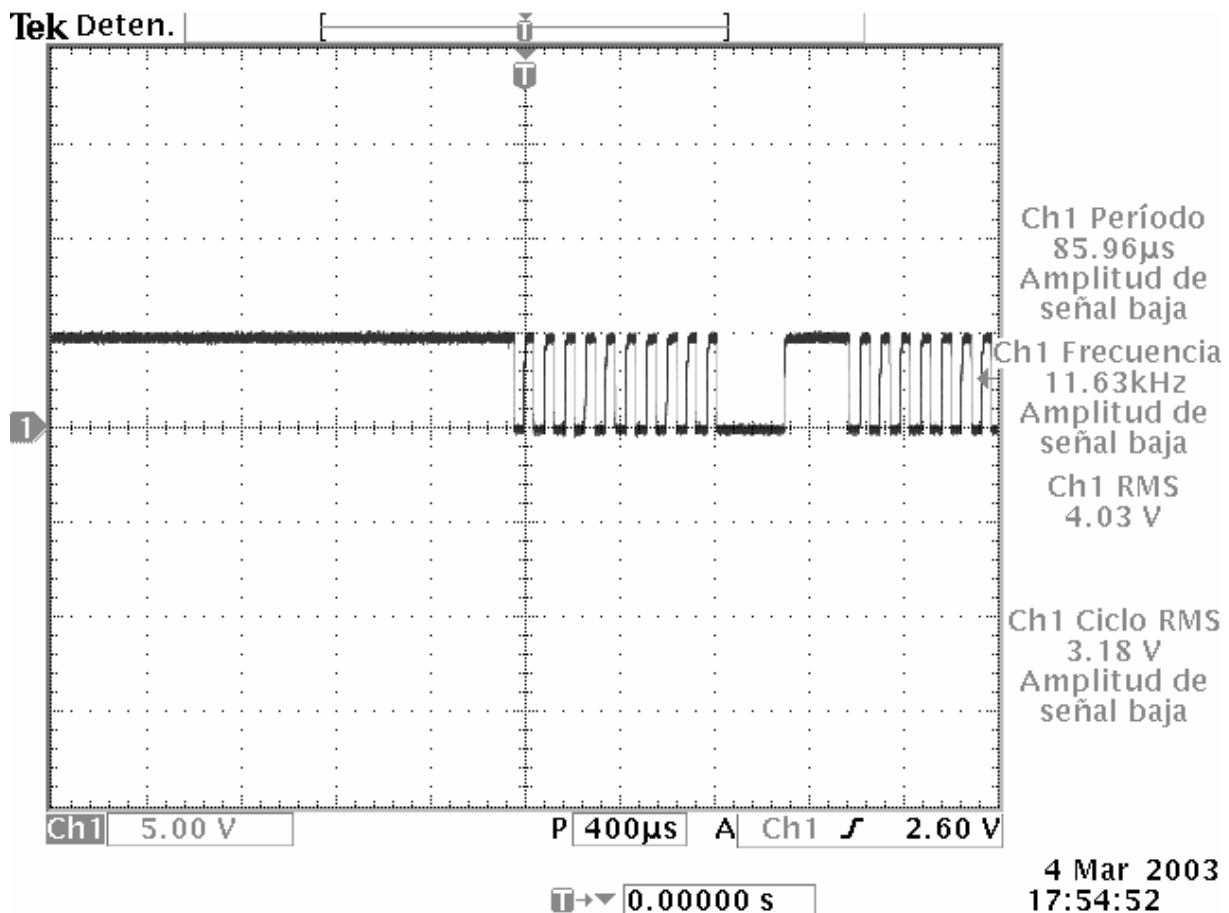
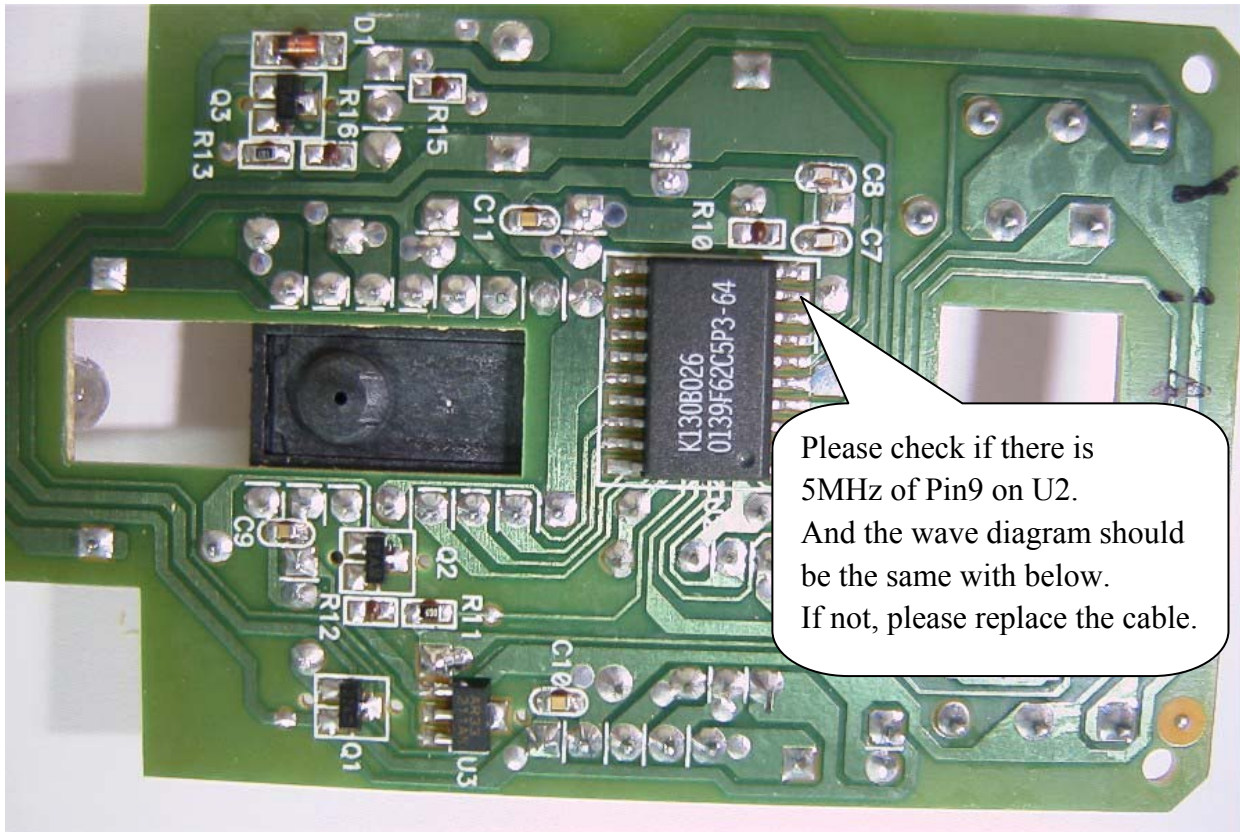


d. U3 NG – Please check the working voltage of right PIN1 on U3

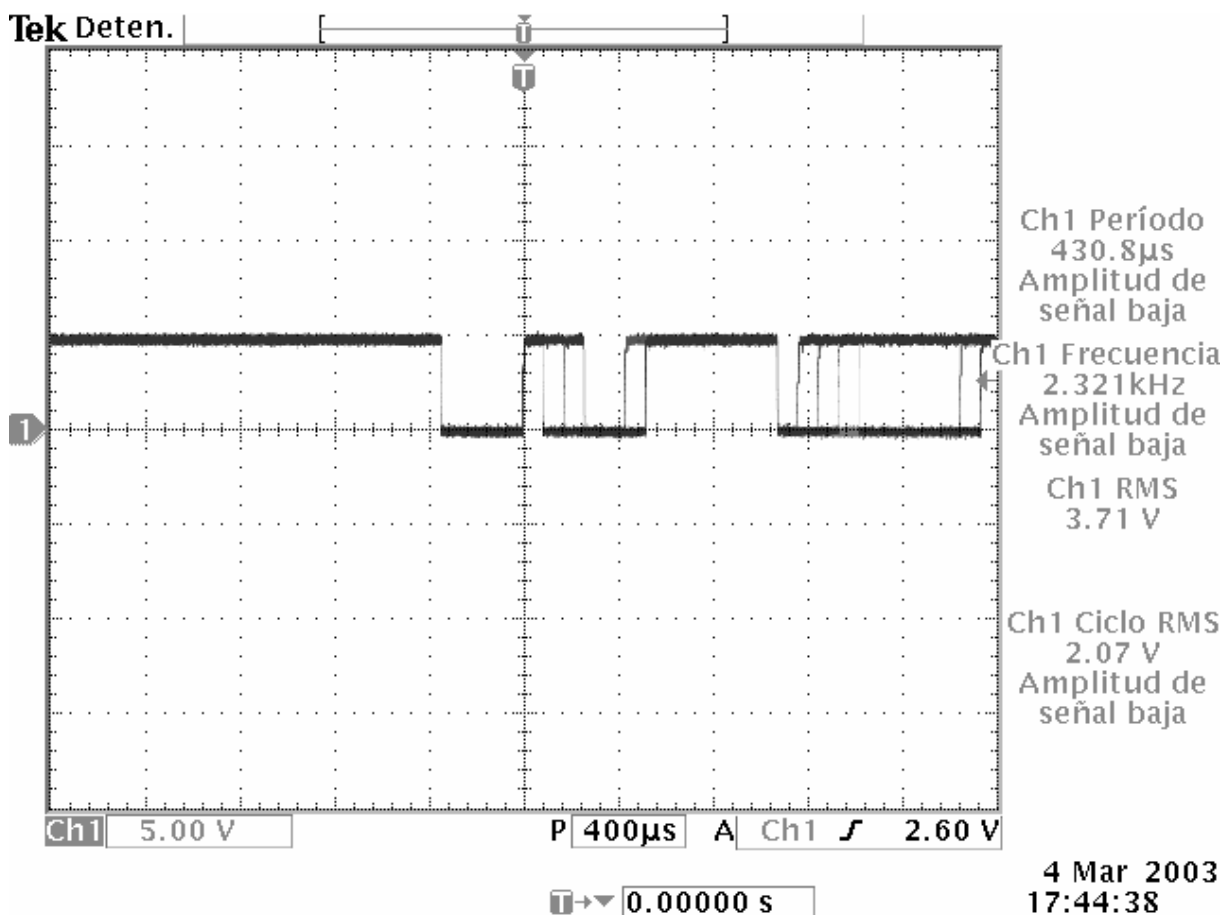
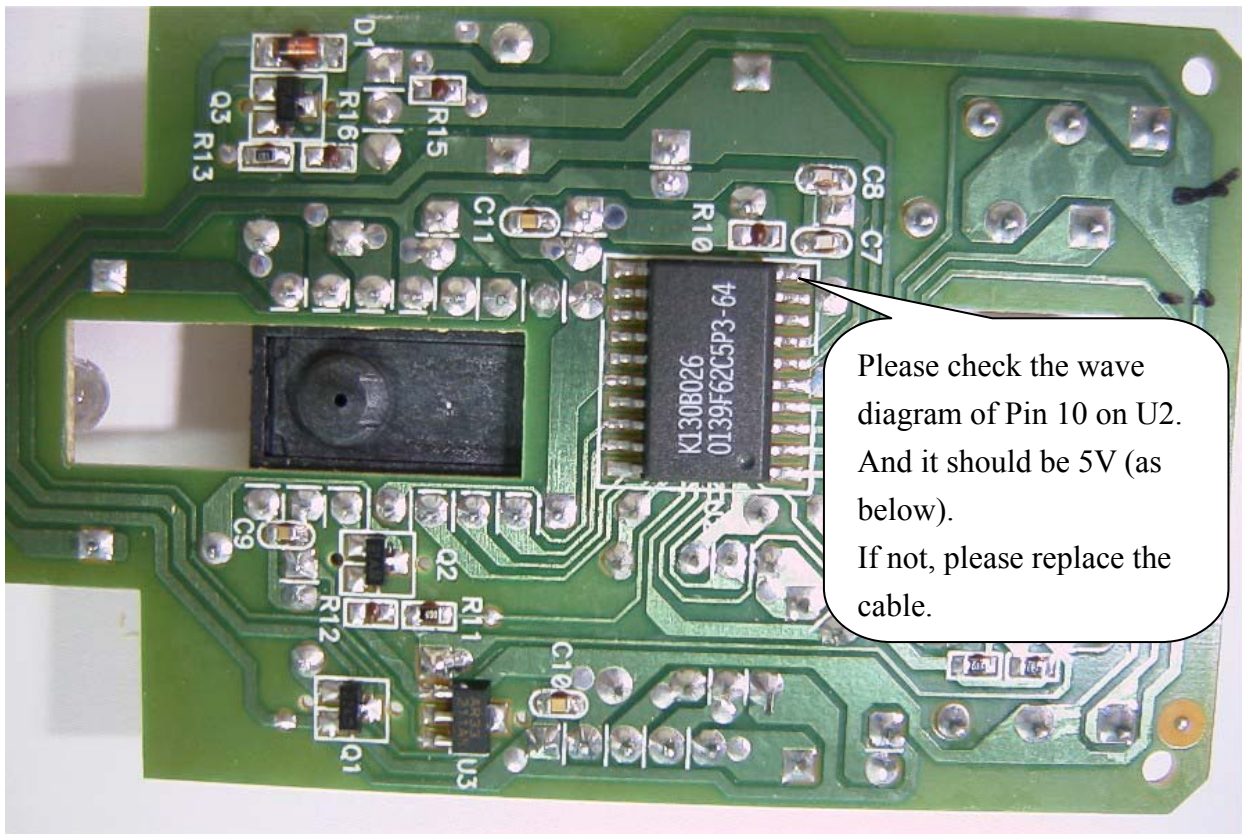


e. Cable NG

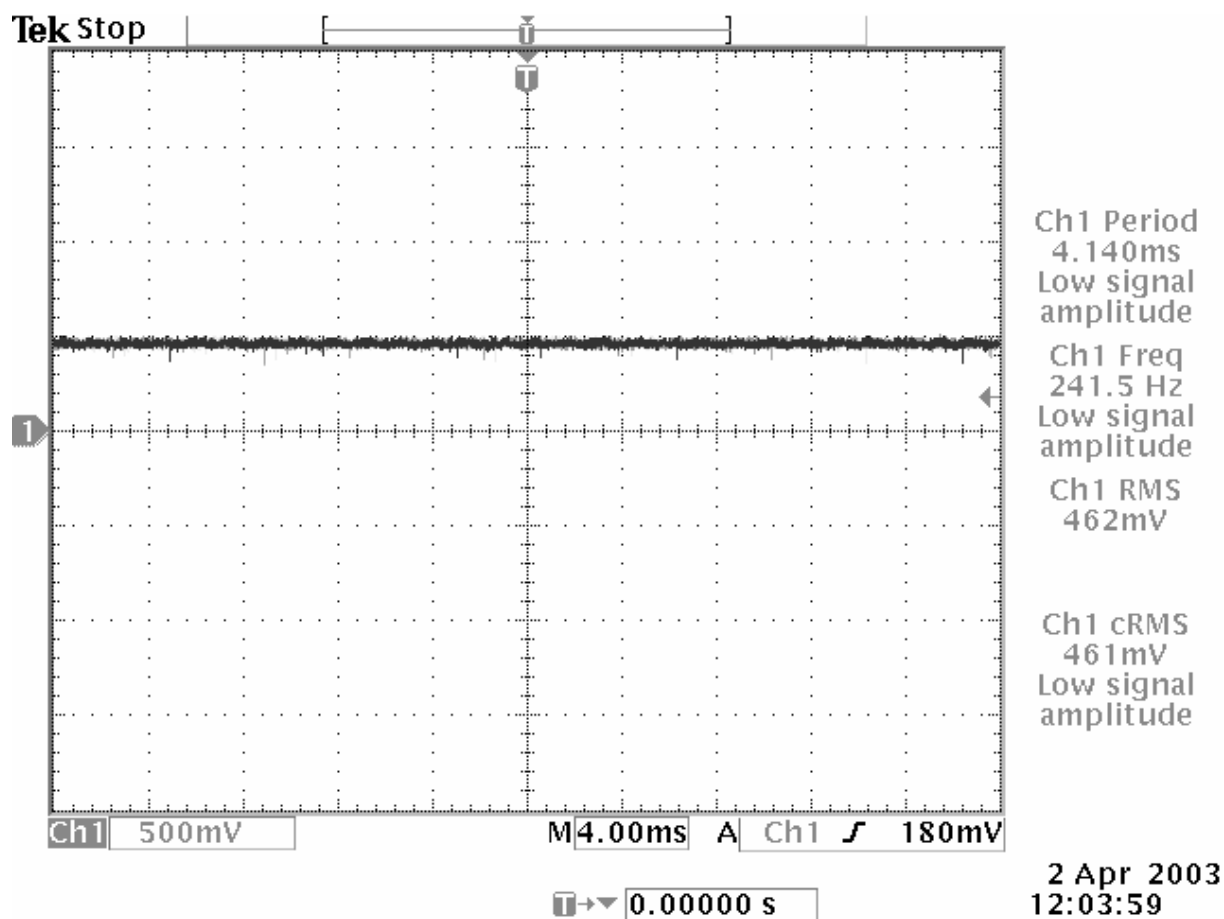
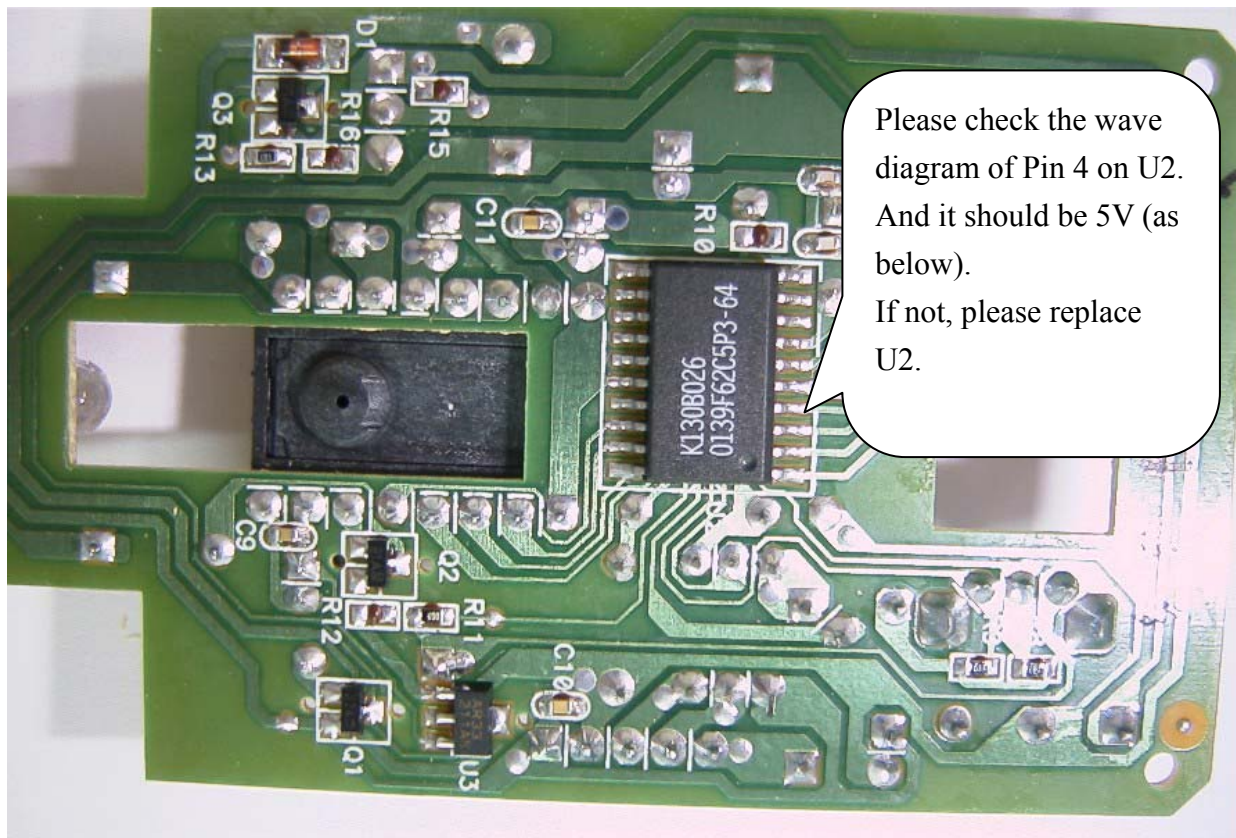
- ◆ Please check the wave diagram of PIN9 on U2



◆ Check the wave diagram of PIN10 on U2



B. No E-Mail Notice Music – Please check the wave diagram of PIN 4 on U2



4. Spare Parts List

Spare Parts Name	Parts No.
U1	K0309028
U2	K130B026
U3	K1319007
Micro Switch	K0908001
BZ1.BUZZER	K113B001
X1	K0817000
CABLE	K5609225
X2	K0819001